

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 1    | ("2003307212").PN.  | JPO   | OR               | OFF     | 2009/06/21<br>18:53 |
| L2    | 48   | ("5423612").URPN.   | USPAT   | OR               | OFF     | 2009/06/21<br>19:34 |
| L3    | 28   | ("4538081"  <br>"4795275"   "4798476"<br>  "4919547"  <br>"5067528"   "5246294"<br>  "5423612"  <br>"5427456"   "5433529"<br>  "5516212"  <br>"5533814"   "5559651"<br>  "5697708"  <br>"5715116"   "5718516"<br>  "5822846"  <br>"6019516"   "6154339"<br>  "6172847"  <br>"6181039"   "6183135"<br>  "6205110"  <br>"6211592"   "6236129"<br>  "6280088"  <br>"6322252"   "6364532"<br>  "6371650").PN. | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/21<br>19:39 |
| S1    | 2    | "6034453"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/06/21<br>12:40 |
| S2    | 4    | ((("6034453") or<br>("5925949")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/06/21<br>12:41 |
| S3    | 8    | ("4634908"  <br>"5264748"   "5446610"<br>  "5623382"  <br>"5633856"   "5668792"<br>  "5723927"  <br>"5747908").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/21<br>12:46 |
| S4    | 4    | ("5925949").URPN.   | USPAT   | OR               | OFF     | 2009/06/21<br>12:47 |

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|-----|----|--|---|----|-----|---------------------|
| S5  | 1  | 384/100-107.cds. and<br>((shaft with groove)<br>same (sealing with<br>protrusion))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/21<br>12:56 |
| S6  | 13 | 384/100-107.cds. and<br>((shaft with groove)<br>same (sealing with<br>member))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/21<br>13:04 |
| S7  | 82 | 384/100-107.cds. and<br>(shaft with concave)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/21<br>13:15 |
| S8  | 20 | ("3639791"  <br>"3763534"   "3793543"<br>  "4694213"  <br>"4726693"   "4883367"<br>  "5396134"  <br>"5433529"   "5504637"<br>  "5516212"  <br>"5524986"   "5658080"<br>  "5707154"  <br>"5715116"   "5765952"<br>  "5770906"  <br>"5791785"   "5806987"<br>  "5839833"  <br>"5847479").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:20 |
| S9  | 4  | ("5925949").URPN.  | USPAT   | OR | OFF | 2009/06/21<br>13:29 |
| S10 | 8  | ("4634908"  <br>"5264748"   "5446610"<br>  "5623382"  <br>"5633856"   "5668792"<br>  "5723927"  <br>"5747908").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:29 |
| S11 | 8  | ("3726575"  <br>"4011475"   "4332428"<br>  "4755709"  <br>"4760298"   "4968910"<br>  "5059844"  <br>"5223758").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:30 |
| S12 | 18 | ("3726575").URPN.  | USPAT   | OR | OFF | 2009/06/21<br>13:32 |

|     |     |   |   |    |     |                     |
|-----|-----|---|---|----|-----|---------------------|
| S13 | 4   | ("3298756"  <br>"3726575"  <br>"4900961").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:33 |
| S14 | 14  | ("5258672").URPN.   | USPAT   | OR | OFF | 2009/06/21<br>13:36 |
| S15 | 143 | ((hydrodynamic with<br>bearing) and (shaft<br>with concave))  | US-PGPUB;<br>USPAT;<br>USOCR; FFRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/21<br>13:41 |
| S16 | 8   | ("20030048574"  <br>"20030077011"  <br>"20030123763"  <br>"5622434"   "5971617"<br>  "6271612"  <br>"6528909"  <br>"6552456").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:52 |
| S17 | 15  | ("5112142"  <br>"5558445"   "5559651"<br>  "5716141"  <br>"5847479"   "5876124"<br>  "5980113"  <br>"5997357"   "6019516"<br>  "6118620"  <br>"6144523"   "6148501"<br>  "6149161"  <br>"6154339"  <br>"6181039").PN.             | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:55 |
| S18 | 17  | ("3606501"  <br>"5067528"   "5112142"<br>  "5246294"  <br>"5423612"   "5448120"<br>  "5516212"  <br>"5533811"   "5558445"<br>  "5559651"  <br>"5658080"   "5697708"<br>  "5707154"  <br>"5791785"   "5806987"<br>  "5876124").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:56 |
| S19 | 13  | ("3325231"  <br>"3778123"   "4496474"<br>  "4614445"  <br>"4726693"   "4795275"<br>  "4892418"  <br>"5067528"   "5112141"<br>  "5112142"  <br>"5145266"  <br>"5246294").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/06/21<br>13:57 |
| S20 | 1   | ("11055898").PN.  | JPO   | OR | OFF | 2009/06/21<br>16:45 |

**6/21/2009 8:02:58 PM**

**C:\Documents and Settings\mcharles\My Documents\EAST\Workspaces\hydrodynamic bearing with grooved shaft with seal 10581203.wsp**